

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011924\
 Data File : VV033762.D
 Acq On : 19 Jan 2024 18:24
 Operator : SY/MD
 Sample : P1190-13
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DCMS4

Quant Time: Jan 19 22:25:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 19 22:20:26 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	232437	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	203904	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	112167	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	70350	39.381	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.760%
7) Chloroethane-d5	1.532	69	58199	41.139	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.280%
11) 1,1-Dichloroethene-d2	2.060	65	32059	41.700	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.400%
21) 2-Butanone-d5	3.780	46	96062	78.399	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	78.400%
24) Chloroform-d	4.249	84	128705	40.292	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.580%
26) 1,2-Dichloroethane-d4	4.941	65	89657	43.441	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.880%
32) Benzene-d6	4.960	84	257599	44.438	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.880%
36) 1,2-Dichloropropane-d6	5.989	67	79357	41.589	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.180%
41) Toluene-d8	7.243	98	234704	44.937	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.880%
43) trans-1,3-Dichloroprop...	7.551	79	39053	41.412	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.820%
47) 2-Hexanone-d5	8.024	63	62372	78.803	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.800%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	100327	41.185	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.380%
66) 1,2-Dichlorobenzene-d4	11.561	152	94041	44.190	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.380%
Target Compounds						Qvalue
5) Vinyl chloride	1.285	62	374465	178.016	ug/L	91
12) 1,1-Dichloroethene	2.072	96	7900	5.663	ug/L #	1
17) trans-1,2-Dichloroethene	2.696	96	80681	51.777	ug/L	96
18) Methyl tert-butyl Ether	2.706	73	3550	0.633	ug/L #	93
20) cis-1,2-Dichloroethene	3.812	96	2913895	1680.188	ug/L	96
34) Trichloroethene	5.834	95	4967945	3092.355	ug/L	98
46) Tetrachloroethene	7.931	164	13220546	11219.559	ug/L	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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